



COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

In reply quote No.

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VITAL STATISTICS

SOUTH AUSTRALIA

1960

Statistics of Births, Marriages and Deaths registered for the twelve months ended 31st December, 1960, published as the first part of this Bulletin are followed by more detailed tables indicating trends in numbers and rates of births, marriages, deaths and infant deaths registered during each of the last available 5 years, and showing causes of deaths and of infant deaths for similar periods. Table 2 compares births occurring with births registered in each of the years 1956 to 1960 and shows in addition masculinity of births registered.

Registrations during 1960

	<u>Number</u>	<u>Rate</u>
Births	20,966	22.19
Marriages	6,607	6.99
Deaths - Total	7,804	8.26
- Infant (Children of less than 1 year)	397	18.94

	<u>Number</u>
Adoptions	498
Legitimations	40
Still-births (These are not included in births or deaths)	280

Birth, marriage, and total death rates are calculated per 1,000 of mean population, and the infant death rate per 1,000 of live births registered.

BIRTH, MARRIAGE, AND DEATH RATES.

These rates are calculated on the number of registrations and show somewhat different fluctuations from those which would result from calculations based on the number of occurrences, particularly in the case of Infant Death Rates.

TABLE 1 - BIRTHS, MARRIAGES, AND DEATHS: RATES - SOUTH AUSTRALIA, 1900 to 1959

Period	Average annual rate of			
	Births (a)	Marriages (a)	Deaths (a)	Infant Deaths (b)
1900-04	25.05	6.59	10.99	91.95
1905-09	25.19	7.93	10.22	68.83
1910-14	27.98	9.38	10.30	67.82
1915-19	25.51	7.94	10.67	61.85
1920-24	23.43	8.55	9.68	58.45
1925-29	20.16	7.54	8.98	46.54
1930-34	15.54	6.33	8.65	38.05
1935-39	15.32	8.99	9.20	32.85
1940-44	19.30	11.25	10.25	34.57
1945-49	24.02	9.73	9.80	27.35
1950-54	23.62	8.44	9.31	22.69
1955-59	22.34	7.39	8.80	21.37

(a) Per 1,000 mean population.

(b) Of children of less than one year per 1,000 live births registered.



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BIRTHS

The 17,306 births registered in 1950 was the highest number recorded to that time, but in each of the next succeeding ten years a new record has been established. The number of births registered during 1960 totalled 20,966.

A period of 42 days after birth is permitted for registration; the number of births registered in a year therefore usually differs from the number of births actually occurring during that year. In 1960 births registered were 20,966, while the number of births which occurred during the year is estimated to be 21,100.

The masculinity ratio, i.e. the ratio of male births to female births, does not as a rule vary greatly from year to year. The 1960 figure of 105.43, however, was rather ~~higher than~~ the 1959 figure of 102.77, which was unusually low, being the lowest recorded since 1936 when the ratio was 102.43.

TABLE 2 - BIRTHS: NUMBER, RATE, AND MASCULINITY - SOUTH AUSTRALIA, 1956 to 1960.

Year	Births Occurring (a)	Births Registered				Masculinity
		Total	Male	Female	Rate (b)	
1956	19,362	18,964	9,708	9,256	22.35	104.88
1957	19,719	19,536	10,025	9,511	22.35	105.40
1958	19,855	20,047	10,181	9,866	22.35	103.19
1959	20,807	20,372	10,325	10,047	22.12	102.77
1960	21,100 p.	20,966	10,760	10,206	22.19	105.43

(a) Subject to the addition of a few very late registrations.

(b) Per 1,000 mean population.

p. Preliminary - partly estimated.





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MARRIAGES

The number of marriages registered during 1960 totalled 6,607, of which 708 were performed by Registration Officers; the record number in this State was 8,129 with a rate of 13.34 in 1942 and the lowest number in recent years was 5,321 with a rate of 8.48 in 1945.

The mean age at time of marriage of bachelors and spinsters decreased slightly in the immediate post-war years and then remained at a fairly stable level at approximately 26.7 years for bachelors and 23.7 years for spinsters until 1955. During the last five years there has been a definite downward trend in the average age at marriage of single persons.

TABLE 3 - MARRIAGES: NUMBER, RATE, AND MEAN AGE - SOUTH AUSTRALIA, 1956 to 1960

Year	Number Registered	Rate (a)	Mean Age at Marriage	
			Bachelors	Spinsters
1956	6,277	7.39	26.6	23.3
1957	6,581	7.53	26.5	23.1
1958	6,505	7.25	26.3	22.9
1959	6,614	7.18	26.2	22.8
1960	6,607	6.99	25.9	22.5

(a) Per 1,000 mean population.

DEATHS

A total of 7,804 deaths were registered during 1960, the second highest number on record, the highest being 7,943 registered during the previous year. The death rate continued the downward trend which began in 1956 and reached a new record low of 8.26, the previous lowest rate being 8.44 in 1933.

Infant deaths registered during 1960 totalled 397. The resultant infant mortality rate of 18.94 was the lowest rate so far recorded, the previous lowest being 19.88 in 1956.

TABLE 4 - DEATHS: NUMBER AND RATE - SOUTH AUSTRALIA, 1956 to 1960

Year	Total Deaths Registered		Infant Deaths Registered					
			Under 1 year		1 Month to 1 Year		Under 1 Month	
	No.	Rate (a)	No.	Rate (b)	No.	Rate (b)	No.	Rate (b)
1956	7,593	8.95	377	19.88	118	6.22	259	13.66
1957	7,576	8.67	403	20.63	135	6.91	268	13.72
1958	7,743	8.63	449	22.39	170	8.48	279	13.91
1959	7,943	8.62	422	20.71	136	6.68	286	14.03
1960	7,804	8.26	397	18.94	119	5.68	278	13.26

(a) Per 1,000 mean population.

(b) Per 1,000 live births registered.

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CAUSES OF DEATHS

The numbers of persons dying from certain causes are shown in the following table, which compares the figures for the years 1955 to 1959; particulars of causes of deaths of all persons are not yet available for 1960. However, details of the principal causes of infant deaths are available for 1960, and these are shown in Table 6 together with comparable figures for each of the previous four years.

TABLE 5 - DEATHS (ALL PERSONS) - PRINCIPAL CAUSES, SOUTH AUSTRALIA, 1955 to 1959

Cause	1955	1956	1957	1958	1959
	No.	No.	No.	No.	No.
Tuberculosis (all forms)	52	44	42	62	47
Malignant Neoplasms	1,050	986	1,129	1,128	1,127
Diabetes	100	87	76	78	94
Cerebral Haemorrhage, Thrombosis, etc.	1,071	1,060	1,035	1,157	1,153
Chronic Rheumatic Heart Disease	74	77	87	61	59
Arteriosclerotic and Degenerative Heart Disease	2,151	2,320	2,125	2,162	2,220
Hypertension with Heart Disease	178	172	134	170	148
Other Heart Disease	158	183	196	238	236
Influenza	6	11	37	3	103
Pneumonia	300	349	403	334	344
Bronchitis	63	75	62	66	91
Nephritis and Nephrosis	95	92	84	77	69
Pregnancy, Childbirth, etc.	8	9	12	6	6
Congenital Malformations	110	92	117	111	101
Other Diseases of Early Infancy	219	219	219	219	229
Senility	133	145	99	100	132
Accidents	469	448	494	499	505
Suicides	72	102	118	120	91
All other	1,227	1,122	1,107	1,152	1,188
Total	7,536	7,593	7,576	7,743	7,943

TABLE 6 - INFANT DEATHS: MAIN CAUSES - SOUTH AUSTRALIA, 1956 to 1960

Cause	1956	1957	1958	1959	1960
	No.	No.	No.	No.	No.
Diarrhoea	5	15	35	7	8
Congenital Malformations	71	92	85	72	95
Prematurity	99	76	74	69	82
Injury at birth	32	51	50	42	39
Post-natal Asphyxia and Atelectasis	34	51	42	58	28
Other diseases peculiar to early infancy	43	31	41	49	43
Cerebro-spinal Meningitis	-	1	-	1	1
Meningitis	5	8	5	6	5
Whooping Cough	2	-	1	-	1
Pneumonia	35	38	48	44	23
Hernia and Intestinal obstruction	2	4	3	2	6
External causes	7	9	18	19	12
All other causes	42	27	47	53	54
Total	377	403	449	422	397

D.L.J. AITCHISON

DEPUTY COMMONWEALTH STATISTICIAN

5th June, 1961.

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